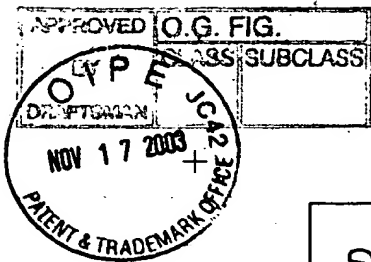


(D) Amendments to the Drawings

The attached sheets of drawings include changes to Figures 9, 18-20. These sheets replace the original sheets including Figures 1-20. The changes aim at correcting the margin and improving the quality of lines and numbering.



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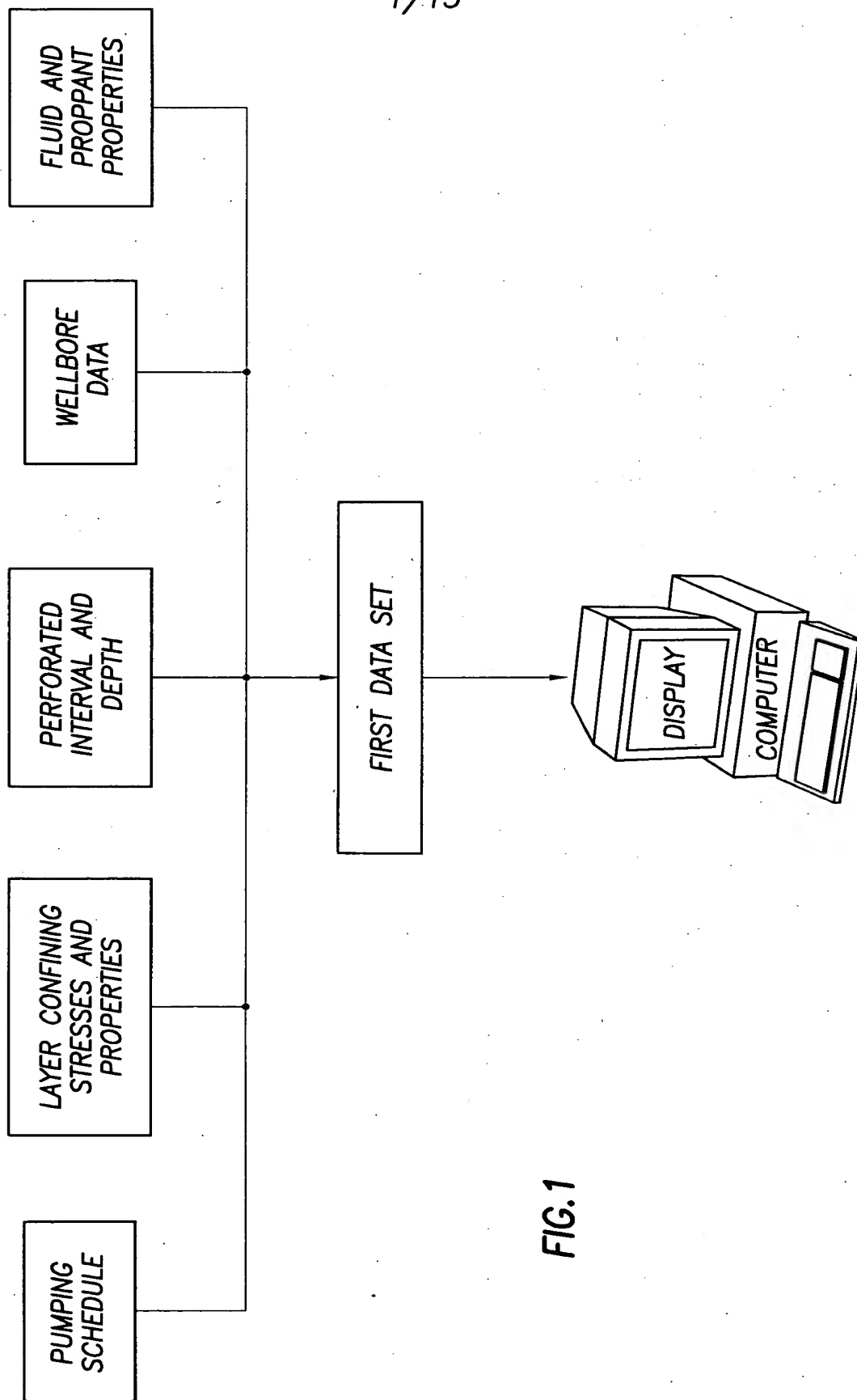


FIG. 1

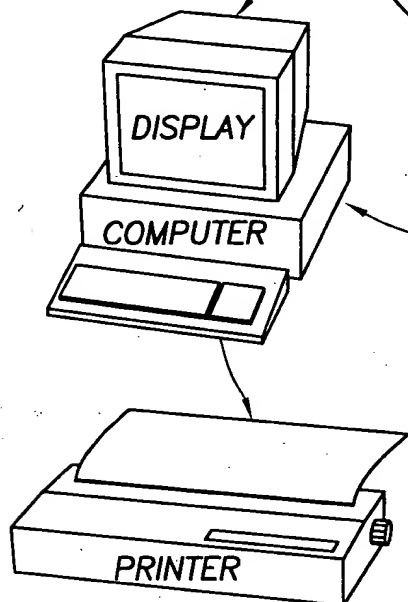


O.G. FIG.
CLASS SUBCLASS

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FIRST DATA SET
REPRESENTING THE
PHYSICAL PROPERTIES
NECESSARY TO DETERMINE
SIZE AND GROWTH OF
THE FRACTURE

FIG.2



CALCULATE VALUES
REPRESENTING
PHYSICAL DIMENSIONS
OF FRACTURE AND
PRESSURES INSIDE
FRACTURE

FIG.3

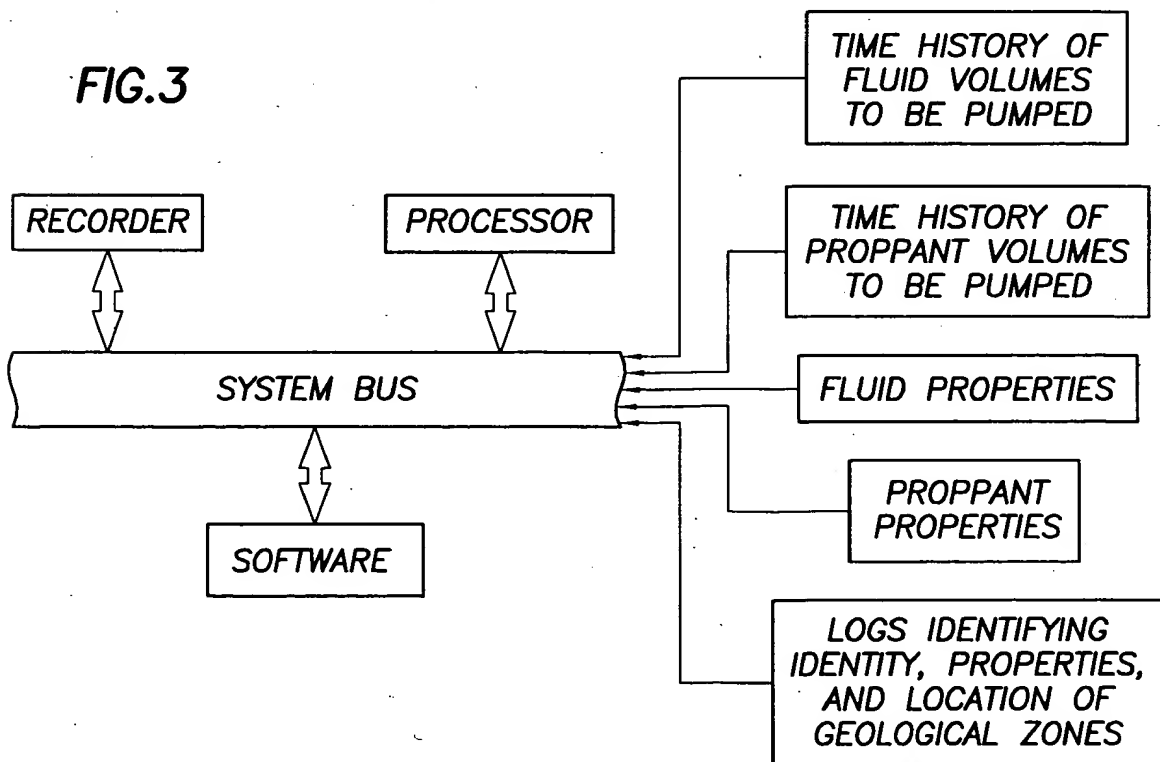


FIG. 4

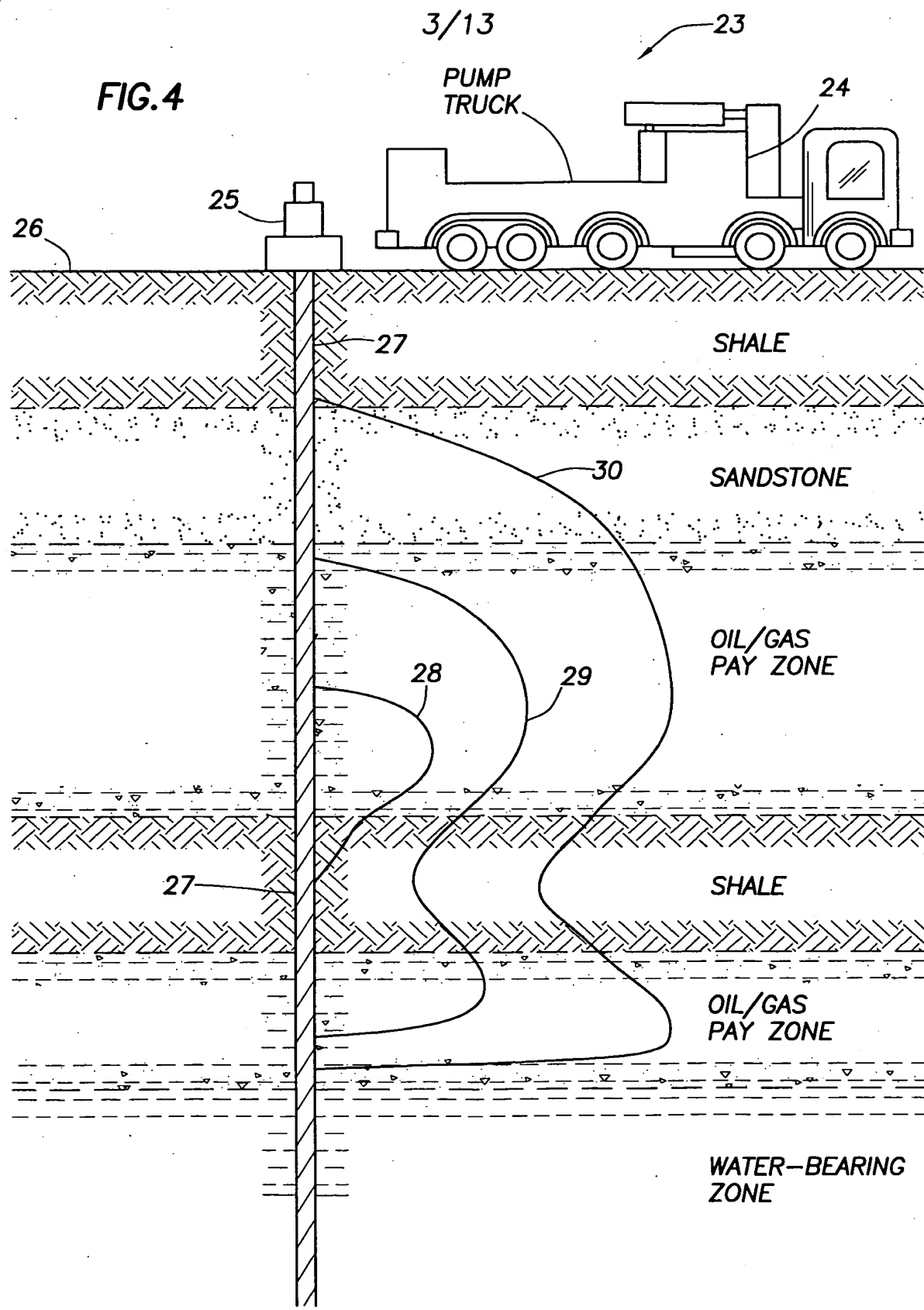




FIG.	4/13
CLASS	SUBCLASS

4/13

FIG.7
(PRIOR ART)

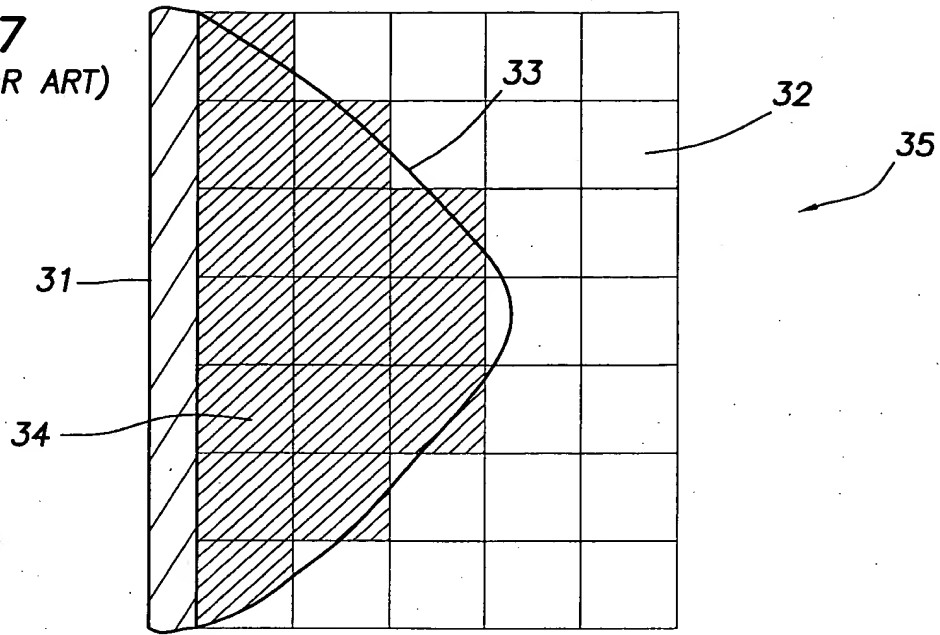


FIG.5

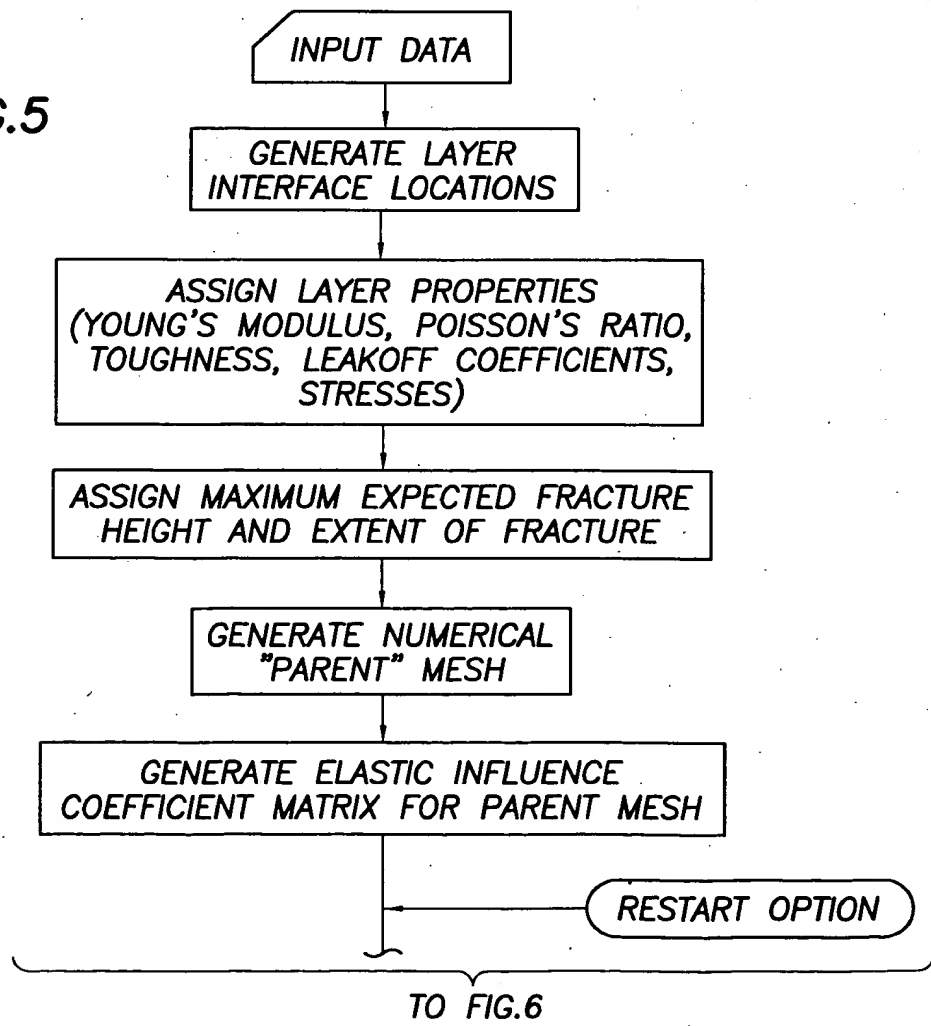


FIG.6

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FROM FIG.5

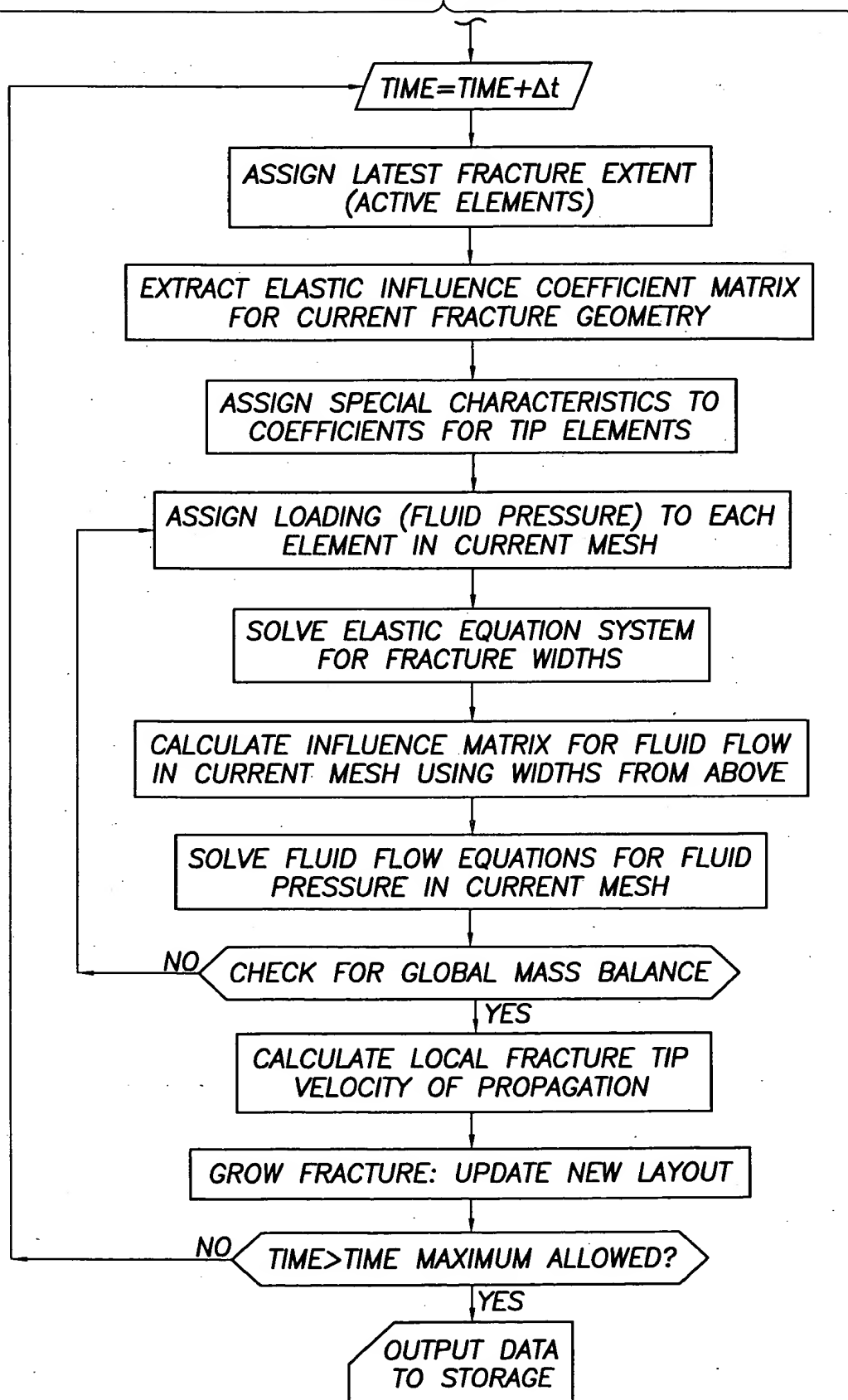


FIG.8
(PRIOR ART)

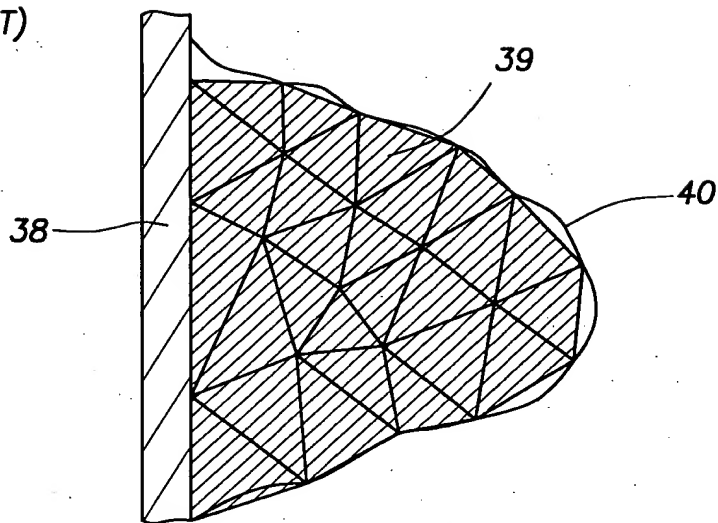


FIG.12

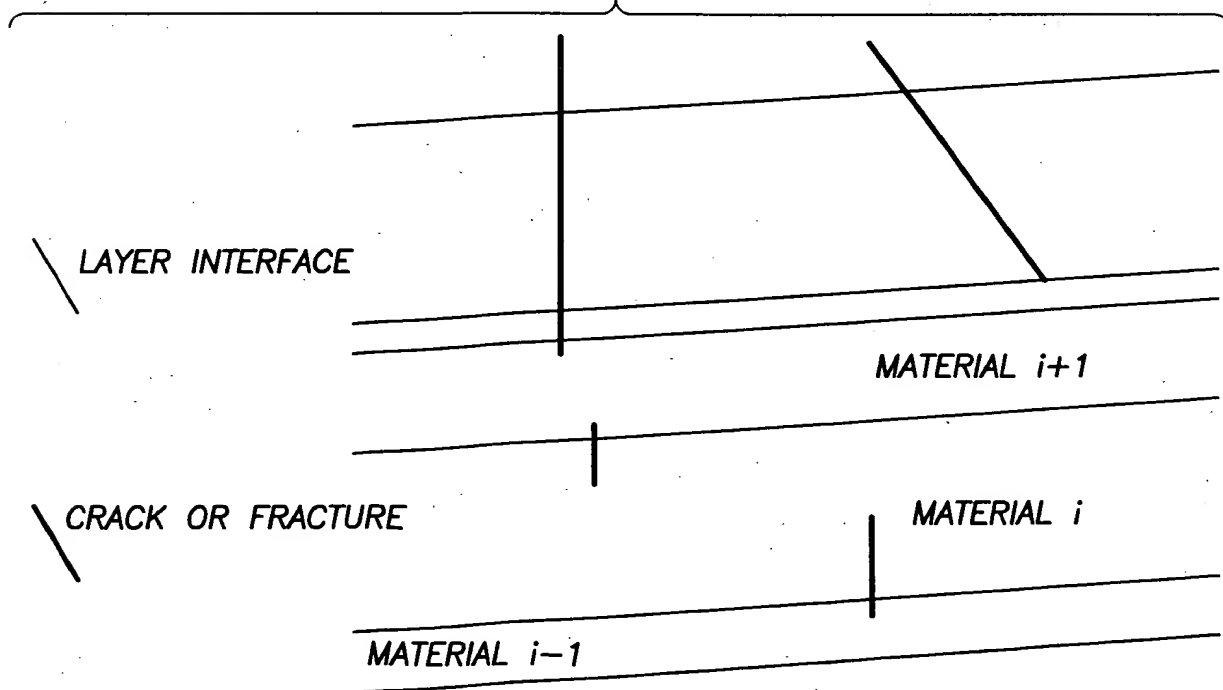
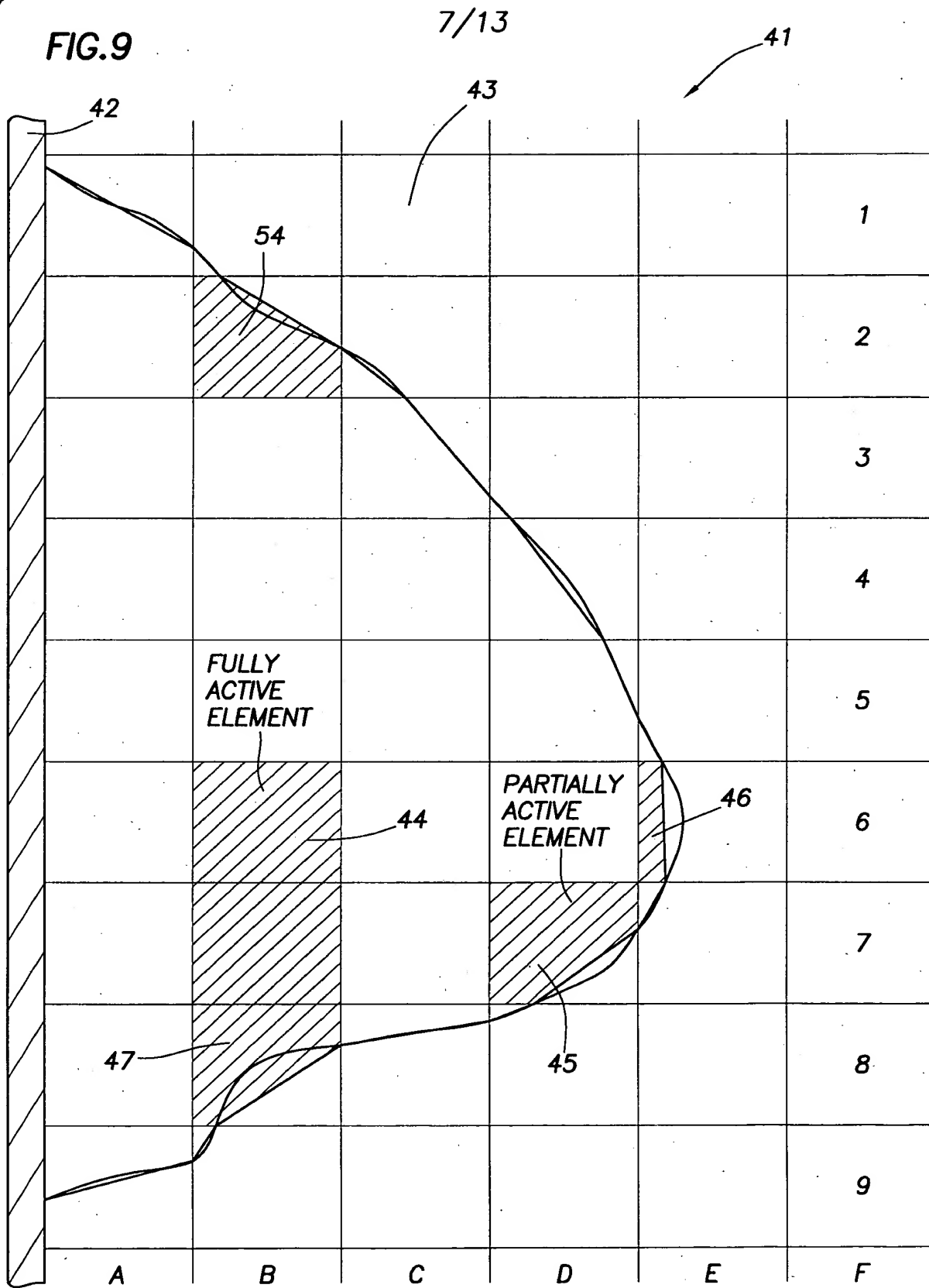


FIG. 9





APPROVED C.G. FIG.
CLASS SUBCLASS

FIG. 10

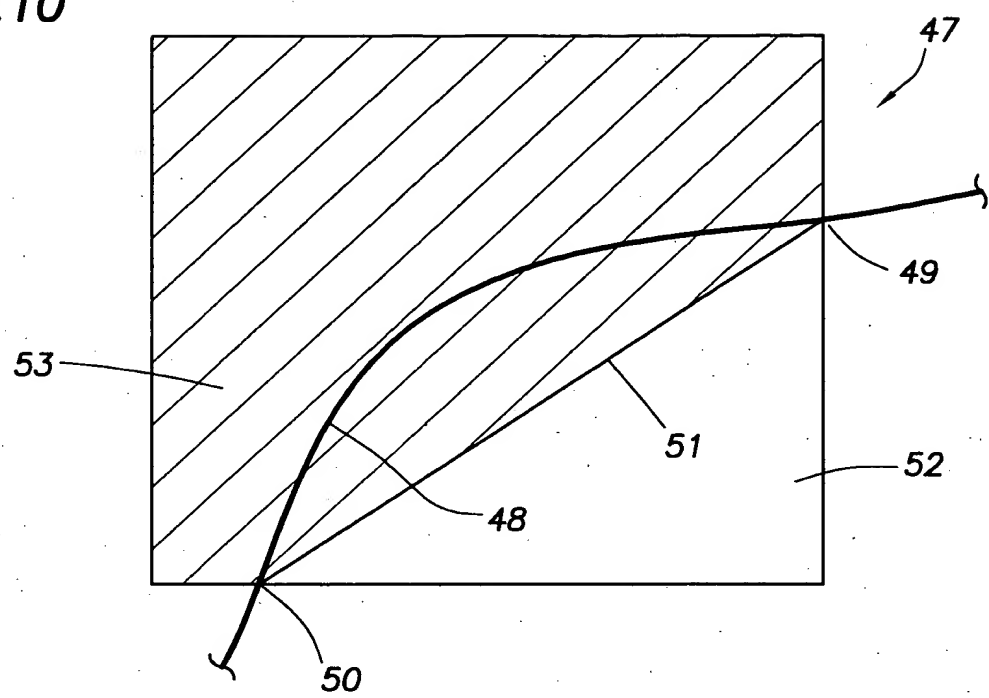


FIG. 11

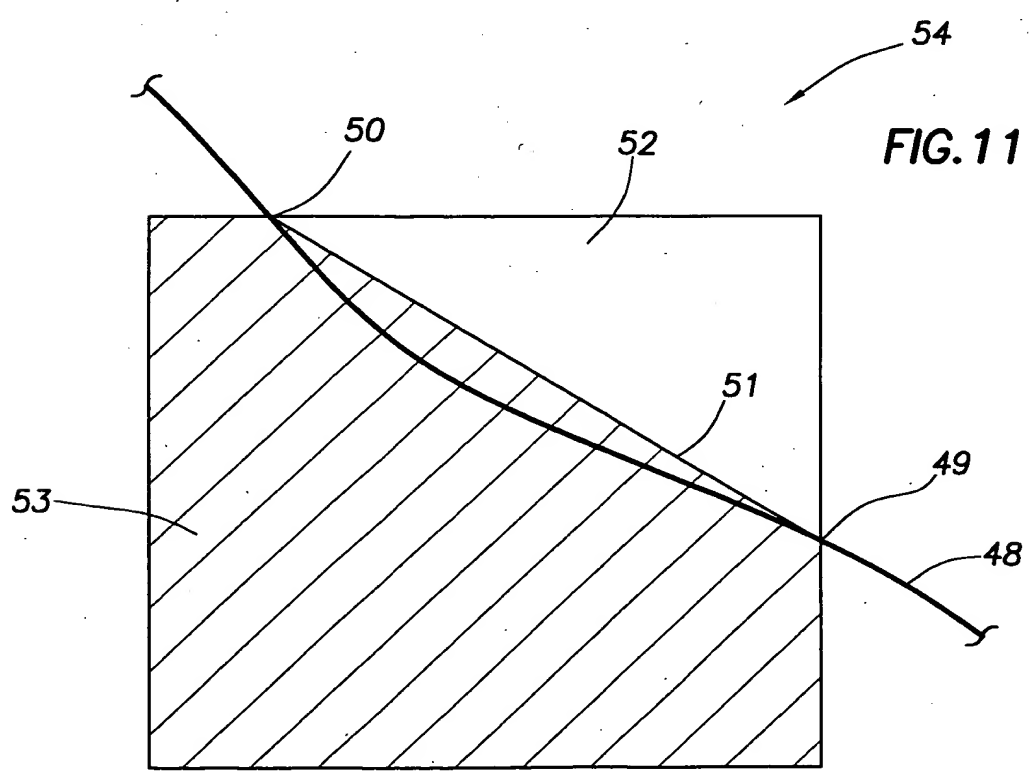


FIG.13

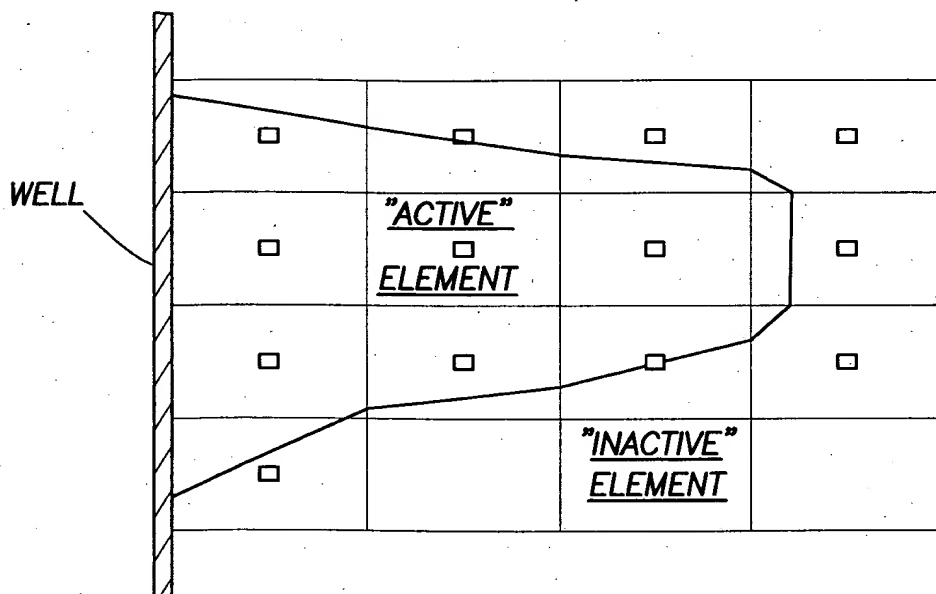
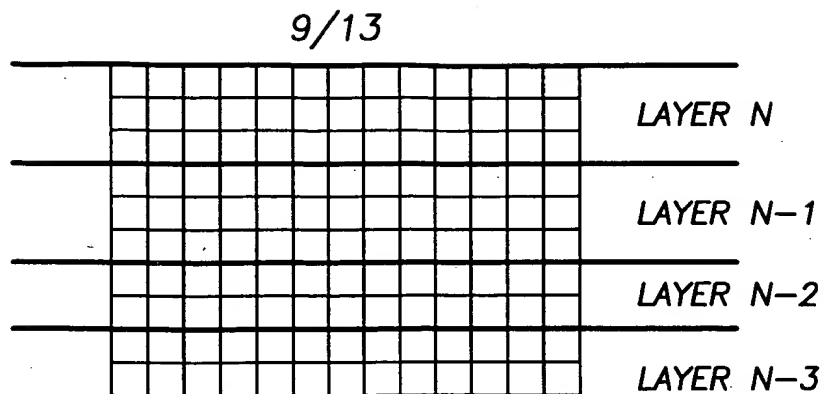
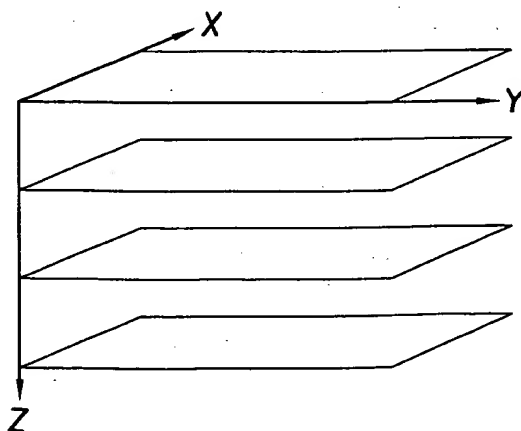


FIG.14

FIG.15



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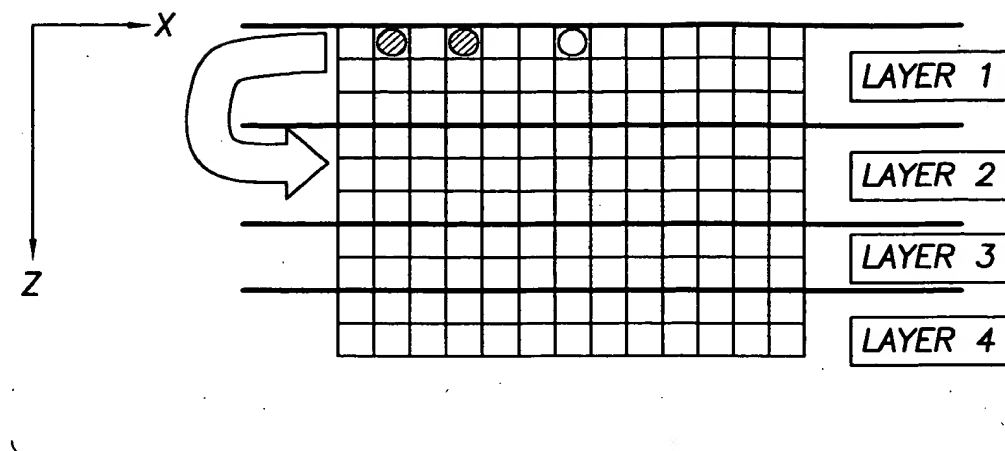
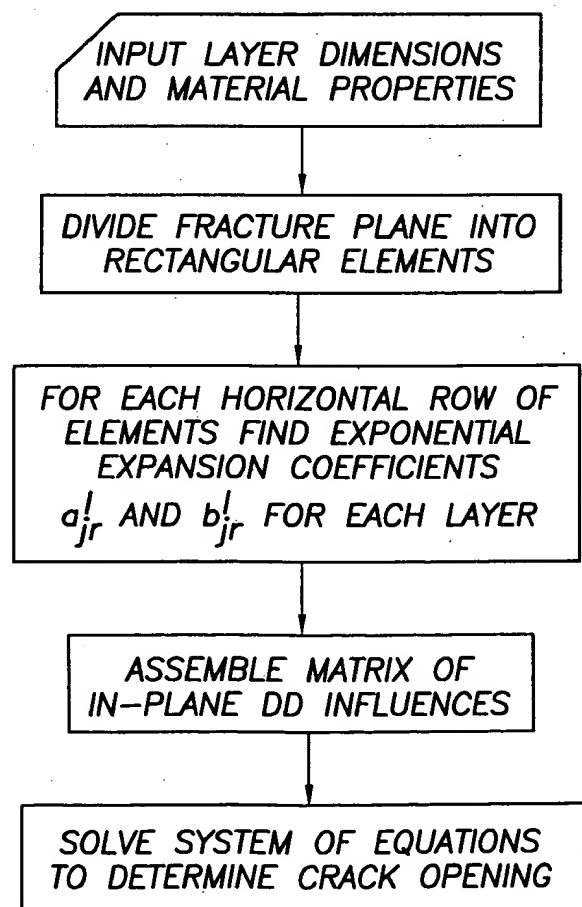


FIG.16

FIG.17



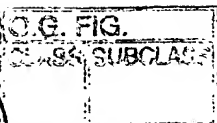


FIG. 18

<div style="display: flex; justify-content: space-between;"> Dowell FracCADE -- [Zone] File Edit View FracCADE General Input Tools Window Help </div>			
<div style="display: flex; justify-content: space-around; align-items: center;"> <div> </div> <div style="border: 1px solid black; padding: 2px;">Untitled</div> <div> </div></div>			

+



FIG.19

☐ Dowell FracCADE - [Fracturing Fluids]
☐ File Edit View FracCADE General Interface Tools Window Help

☐ Admin ☐ Well ☐ Res ☐ Fluid ☐ Zone

Description: Index Name

☐ Database ☐ Properties

Rheology (Power Law)
 n'
 K
Visc.
@ 170 1/sec

Base Fluid Sp Gr
Fluid Surface Temp ☐ Display Constant Rheology Interpolation Parameters

Constant Rheology Interpolation Parameters
Temperature Exposure Time

Shear Rate
Temperature Selection
Temperature

Exp. Time hr	n'	k lbf.s ^{n'} /ft ²	Viscosity cp
1	0.1	1.69E-1	352.752
2	0.5	1.23E-1	299.503
3	1.0	8.10E-2	218.570
4	1.5	5.00E-2	183.612
5	2.0	1.80E-2	215.381
6			

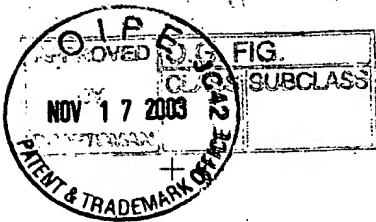


FIG.20

